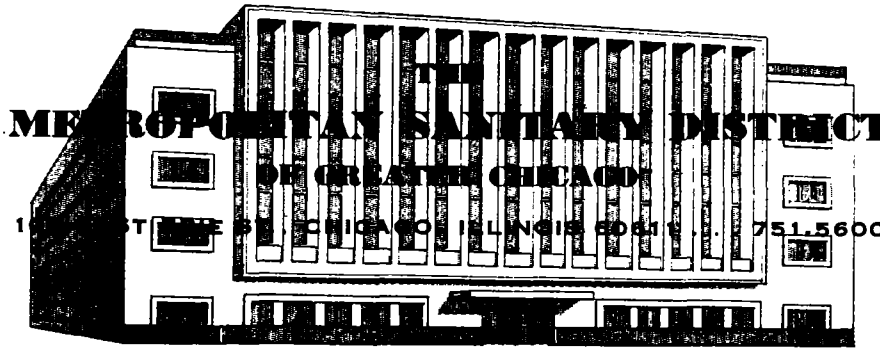


NICHOLAS J. MELAS
PRESIDENT



Cecil Lue-Hing
Director
Research & Development



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July 10, 1986

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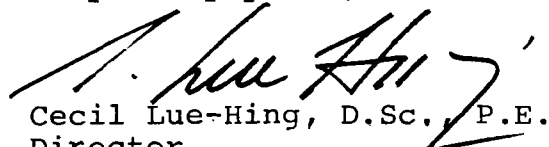
Mr. Mark Haney, Manager
Compliance Sub-Unit
Compliance Monitoring Section
Division of Land Pollution
Control
Illinois Environmental
Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

Dear Sir:

Subject: 0316000011 - Cook County
Chicago/Department of Streets and Sanitation
103rd Street and Doty Avenue Landfill

Sludge was delivered to the subject site in April, May, and June 1986. Table 1 (enclosed) presents the mean analysis of all sludge delivered to the site during those three months.

Very truly yours,


Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

CLH:JG:ns

Enclosure

cc/enc: Mr. Ken Bechely (IEPA)
Mr. DiVita
Mr. Garbis
Dr. Zenz
Dr. Peterson
Mr. Gschwind

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74-01-00

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

TABLE 1

MEAN ANALYSIS OF SLUDGE SHIPPED
TO THE 103rd & DOTY LANDFILL CLOSURE SITE DURING
APRIL, MAY, JUNE, 1986

| Parameter | | Concentration |
|-----------------------|-----------|---------------|
| Number of samples | | 23 |
| pH | Units | 7.1 |
| Total solids | % | 38.1 |
| Total volatile solids | % | 45.3 |
| N-Kjeldahl | mg/dry kg | 34,300 |
| N-NH3 | " | 2,770 |
| Total P | " | 17,600 |
| Zn | " | 2,460 |
| Cd | " | 95 |
| Cu | " | 1,430 |
| Cr | " | 1,130 |
| Fe | " | 27,800 |
| Ni | " | 187 |
| Pb | " | 359 |
| K | " | 2,150 |
| Na | " | 1,270 |
| Ca | " | 56,100 |
| Mg | " | 20,800 |
| Mn | " | 835 |
| Al | " | 9,660 |
| Hg | " | 2.9 |

R&D\ZM
09-Jul-86

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